

Richmond Refinery LPS Alert – Safety



Operator Splashed with Hot Condensate



IMPACT ERM: 16761

Location:

Richmond Refinery -
Hydroprocessing
Richmond, CA, USA

Contact Information:

Fredrick Walker
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Incident Description:

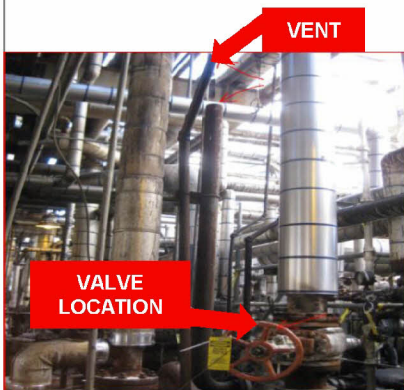
An operator was splashed with hot condensate while attempting to warm up a steam turbine on June 27th, 2011.

After draining the system, the turbine exhaust valve was cracked opened. This resulted in hot condensate exiting from a vent located 12 feet above the operator. The employee sustained first aid burns around his neck and shoulder. This injury is currently being classified as a first aid pending further investigation.

An investigation is in progress.

Immediate Actions Taken:

- 1) Operator received evaluation and treatment from CFD EMTs and the Chevron Medical Clinic.
- 2) The turbine has been isolated, locked out, and taken out of service pending the findings from the investigation.
- 3) Advise the workforce to conduct an LPSA to understand the risk and take appropriate mitigating actions to prevent a similar incident from occurring.



Turbine vent and PRD vent located above the steam exhaust valve

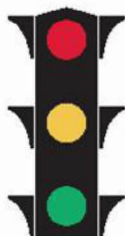


Vent off bottom of turbine case

Always remember to do your LPSA.

LOSS PREVENTION SELF-ASSESSMENT

BEFORE BEGINNING ANY ACTIVITY/TASK/JOB, AFTER A LOSS OR NEAR LOSS, ANY UNUSUAL CIRCUMSTANCES:



ASSESS

the risk!

What could go wrong?

What is the worst thing that could happen if something does go wrong?

ANALYZE

how to reduce the risk!

Do I have all the necessary Training and Knowledge to do this job properly?

Do I have all the proper Tools and Personal Protective Equipment?

ACT

to ensure loss-free operations!

Take necessary Action to ensure the job is done properly!

Follow written procedures! Ask for assistance, if needed!

DO NOT PROCEED UNLESS ALL RISKS HAVE BEEN ADDRESSED!

For Everyone • Every Day • All the Time

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